

ABSTRACT OF THE DISCLOSURE

A data recovery system and method is disclosed, which comprises an oversampler, a phase detection circuit, a data pick circuit, a data overlap/skip detection circuit and a data correction circuit. The
5 oversampler oversamples an input signal and thus generates oversampled signals. The phase detection circuit receives for detecting transitions of the oversampled signals and outputting a phase signal. The data pick circuit receives the phase signal, accordingly groups the oversampled signals into n groups and picks one group as an output data. The data overlap/skip
10 detection circuit determines if data is overlapped or skipped according to the phase signal and the last phase signal. The data correction circuit corrects data when data is overlapped or skipped and outputs an accurate output data.